

Abstract of the Disclosure

A microscope includes an objective lens, an image-forming lens, a reflecting mirror for directing transmitted light passing through the image-forming lens to a front side of the microscope, and a first optical element for directing light from the image-forming lens to an imaging optical path running to a backside of the microscope. The first optical element is disposed between the image-forming lens and the reflecting mirror, with a port disposed in the imaging optical path, and an imaging device coupled to the port. The imaging device includes an image plane, the image plane substantially corresponding to the focal plane.